

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-318805

(43)Date of publication of application : 12.12.1997

(51)Int.Cl.

G02B 5/20
B41F 3/36
B41F 17/14
C09D 11/10
G02F 1/1335

(21)Application number : 08-130237

(71)Applicant : SUMITOMO RUBBER IND LTD

(22)Date of filing : 24.05.1996

(72)Inventor : KONDO YASUHIKO

YAMAUCHI MASAKAZU

(54) PRODUCTION OF LIQUID CRYSTAL COLOR FILTER

(57)Abstract:

PROBLEM TO BE SOLVED: To print a light shielding layer excellent in printing quality which high productivity by sifting ink containing ferromagnetic metallic powder to the surface of a blanket by magnetic force after the recessed part of the surface of an intaglio is filled with the ink, and shifting it from the blanket to the surface of a transparent base plate.

SOLUTION: After the recessed part 11 of the surface of the intaglio 1 is filled the ink 2 containing the ferromagnetic powder, the ink 2 is shifted from the intaglio 1 to the surface of the blanket 3 in a state where magnetic field is applied from the back surface of the blanket 3. In a state where the magnetic field not applied, the ink 2 is shifted from the blanket 3 to the surface of the transparent base plate 4, whereby the light shielding layer of formed. A means capable of switching the state to that where the magnetic field is applied and that where the magnetic field is not applied is desired as a means for applying the magnetic field from the back surface of the blanket 3. Therefore, it is desirable to set an electromagnet inside a blanket barrel round which the blanket 3 is wound and to apply a current to the electromagnet only when the magnetic field is applied.



